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JENNINGS' PATENT SHOP SHUTTER SHOES and PANTENERS, INDIA RUBBER TUBE-DUCKS, and WATER CLOSETS, can be had through any plumber or ironmonger. The only manufacturers are — JOHN JENNINGS and SONS, Cranes-st., Pentonville, and USBORN JENNINGS, Paternoster, St. Great Chandos-street, Bedfordsquare. —Descriptive drawings and testimonials sent free on application.

SNOXELL'S PATENT SAFETY REVOLVING WOOD SHUTTERS, Manufactory, 28, REGENT-STREET and 18, CHANCERY LANE. Patent sealed on the 4th day of February, 1846, for Fourteen Years, for Improvements in Revolving Shutters of WOOD and IRON, consisting of the Methods of Raising and Lowering Shutters, without Machinery, and Fixing, Hinging and Sheathing the Edges of Wood Lashes with Iron.—The Patentee having fixed up some hundreds, will feel pleased in forwarding the Testimonials of Architects, Principals of large Establishments, and others, having them now in use, which fully guarantees the Patentee in stating they are beyond dispute superior to any other Revolving Shutter for durability, security, and simplicity, without the use of any chain worm and screw gear, or any other complicated machinery employed by other makers.

IRON SHUTTERS.—The PATENT CONVEX REVOLVING IRON SHUTTERS are cheaper, twelve times stronger, work easier, require less room, and roll up in one-third less room than any other shutters made. Harcourt Quinney, Patentee.

CLARK and Co., Sole Manufacturers, and of IMPROVED DRAWN ORNAMENTAL METALLIC SASH BARS, ASTRAGALS, MOULDINGS, STALL-BOARD PLATES, &c. &c., in brass, copper, and zinc. Gas Fittings, Chandeliers, and Internal Shop Fittings for Shops of every description. WROUGHT IRON GIRDERS, HOT WATER APPARATUS, and metal work connected with buildings. Testimonials of architects and others having them in use will be forwarded free on application to CLARK and Co., Engineers, 228, Wapping, London, or to Mr. G. BRIGHTOCK, 17, George-street, Edinburgh, Agent for Scotland.

BUNNETT and Co., ENGINEERS, Patentees and Manufacturers of REVOLVING IRON AND WOOD SAFETY SHUTTERS, and of ORNAMENTAL SASH BARS, MOULDINGS, STALL-PLATES, &c. FOR SHOP-FRONTS, AND OTHER WINDOWS OR SKYLIGHTS, IN BRASS, COPPER, ZINC, IRON, &c.

Shop-fronts completely fitted up and glazed with best plate glass. Metal works and improved machinery of all kinds for warehouses, banking-houses, &c.

BUNNETT and Co. challenge competition as to either quality or price.

Offices, 18, Lombard-street, London; Works, Deptford, Kent.

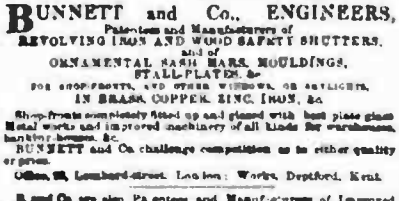
B. and Co. are also Patentees and Manufacturers of Improved Bench and Flooring Cramps for Builders; Wrought Iron Diagonal Gratings; double-trapped self-acting Water Closets, and self-acting and self-cleansing Effluvia Traps, for Sewers, Drains, &c. &c.

STEAM ENGINES for HIRE.—Two and Four-horse power PORTABLE STEAM ENGINES, for pumping, sawing, threshing, grinding, &c., can be had of DEANE, DRAY, and DEANE'S Agricultural Implement Stores, Swan-lane, London-bridge.

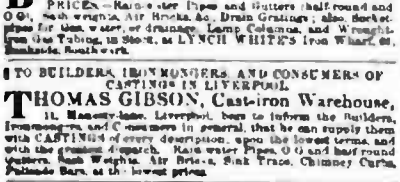
BUILDERS' CASTINGS at REDUCED PRICES.—Rain-water Pipes and Gutters (half-round and O G), sash weights, Air Bricks, &c., Drain Gratings; also Socket-pipes for drain, water, or drainage, Lamp Columns, and Wrought-iron Gas Tubing, in Stock, at LYNCH WHITE'S Iron Wharf, 68, Blackfriars-road, Surrey side.

TO BUILDERS, IRONMONGERS, AND CONSUMERS OF CASTINGS IN LIVERPOOL.

THOMAS GIBSON, Cast-iron Warehouse, 11, Manesty-lane, Liverpool, begs to inform the Builders, Ironmongers, and Consumers in general, that he can supply them with CASTINGS of every description, upon the lowest terms, and with the greatest dispatch. Rain water Pipes, O G and half round Gutters, Sash Weights, Air Bricks, Sink Trays, Chimney Cowls, Palisade Bars, at the lowest prices.



SAMUEL HOOD and Co., Castings Ware-houses, 31, Upper Thames-street. REGISTERED STABLE FITTINGS, Enamelled Mangers, with iron hay-racks, or with enamelled water cisterns on one side.—Also, girders, columns, hot water pipes, rain water pipes, sash, gutters, sash weights, &c., at the lowest prices.



COTTAM and HALLEN, 2, Winsley-street, Oxford-street, beg leave to draw attention to their new and improved patterns in STABLE FURNITURE. The manger, rack, and water trough are placed in a line together, and may be had either plain, galvanized, or enamelled. Castings and wrought iron work of every description, at the lowest scale of prices. Under-ground pipe, 9d. per cwt. Estimates upon application.

COTTAM and HALLEN, 2, Winsley-street, Oxford-st., London.

IMPORTANT to NOBLEMEN, GENTLE-MEN, BUILDERS, &c.—G. T. CASWELL, Engineer, Plumber, Pumpmaker, &c., Cleveland-street, Wolverhampton, respectfully informs noblemen, gentlemen, builders, surveyors, and others, that after a series of experiments, he has succeed a plan for WARMING VINE and PLANT HOUSES, which he can confidently will supersede all other modes at present adopted by this appearance. G. T. C. can undertake to do one hour to raise the temperature of any house, however large, to 70 degrees, if required. The plan is safe, simple in construction, and will meet the times, being very cheap.

The same may be seen in operation at Mr. WILLIAM BARNETT'S, Nurseryman, Tettenhall, near Wolverhampton, Staffordshire, who has kindly consented to allow it to be inspected by any gentlemen who may call.

PROTECTION from FIRE, and GREAT ECONOMY in BUILDING.—A pamphlet, descriptive of the method by which both these important objects are secured, may be obtained on application to Messrs. FOX and BARRETT, 41, Leicester-square.

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CHUBBS' PATENT DETECTOR

LOCKS give perfect security from false keys and picklocks, and also detect any attempt to open them. They are made of all sizes, and for every purpose to which locks are applied, and are strong, secure, simple, and durable.

CHUBBS' PATENT LATCH, for front doors, counting-house doors, &c., is durable in construction, low in price, and quite secure. The keys are particularly neat and portable.

CHUBBS' PATENT FIRE-PROOF SAFES, BOOKCASES, CHESTS, &c., made entirely of sheet wrought-iron, so as effectually to resist the falling of brick-work, timber, &c., in case of fire, and are also perfectly secure from the attacks of the most skilful burglars.

CHUBBS' CASH and DEED BOXES, fitted with the Detector Locks.

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LEADBEATER, FIREPROOF SAFE and DETECTOR LOCK MANUFACTURER to HER MAJESTY'S BOARD of ORDNANCE.

LEADBEATER, many years Manager for Chubb.

LEADBEATER'S strong wrought-iron FIREPROOF BOOK SAFES, CHESTS, DOORS for STRONG ROOMS, PLATE CLOSETS, PARTY WALLS, &c. &c., of the best make, secured by LEADBEATER'S IMPROVED DETECTOR LOCKS and pummels; all the most recent improvements afford PERFECT SECURITY against Fire and Thieves. Extra Strong Cash and Deed Boxes, &c., sold at prices which place them within the reach of all classes.

LEADBEATER'S IMPROVED DOUBLE-ACTION COMBINATION LATCHES, for securing street and office doors, cannot be opened by false keys or picklocks.

A large assortment on hand of all sizes and fitted for every purpose at LEADBEATER'S FIREPROOF SAFE and DETECTOR LOCK MANUFACTORY, 148, ALDERSGATE-STREET, CITY, LONDON.—Estimates sent by return of post.

A vacancy for an apprentice—a small premium required.

WALMSLEY and Co., Iron-merchants, Wharf, 3 Upper Thames-street, near Blackfriars, London, inform the Wholesale Ironmongers that they have had in a well-assorted and clean stock of rain pipes, house gutters (both half round and O G), hot-water pipes, S. A. range metal, sash weights, air bricks, furnace fittings, rails in bars, balcony panels, sink traps, and all castings necessary for building purposes. Prompt attention to orders. Prices in competition, with the lowest quotations, quality equal, if not superior, to any hitherto offered to the trade.

IMPROVED KITCHEN RANGES.—BROWN and GREEN'S PATENT KITCHEN RANGE is the most economical, cleanly, and convenient: it is a certain cure for a smoky chimney. B. and G.'s Improved Open Fire Range, with patent self-acting oven and hot water boiler, is a universal favourite. The same Range heated by the new Gold-medallion Cottage Ranges, the price of which, with oven and boiler, to cost 3l. 15s. Prospectuses &c., forwarded post free on application to BROWN and GREEN, Luton, Beds.

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Elliptic Stoves, with Double Backs, 9d. per inch; Register Stoves, 5d. per inch.

3-feet Self-acting Cottage Ranges, Oven and Back Boiler, 31s. each.

Cut Sheet Floor Brads, 11s. 9d. per cwt.

Cut Clasp Nails.				
12s.	14s. 6d.	16s.	18s. 6d.	cwt.
1½	11	2	2½	3 in.

1-inch Cut Lath, 12s. 9d. per cwt.

6-inch 3 bolt Rim Locks, with Scotch Springs, best patent furniture, 16s. 6d. per dozen.

Improved Bow Latches, 4s. 6d. per doz.

HOT WATER APPARATUS for heating greenhouses, &c., on improved principles, being the cheapest hot in town.

TO BUILDERS and CARPENTERS.—Elliptic Stoves, double backs, 9½d. per inch.

Register Stoves, 6d. 6½d. 7½d. per inch.

Self-acting Ranges, with Circular Ovens and Back Boilers, best wrought bars and bright fittings—

	2 ft. 6 in.	3 ft.	4 ft. 12s.
3-feet	Cottage Ranges, with Oven and Back Boiler, 31s. each.		
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Air Bricks, 3s. 6d. per doz. Sash weights, 3s. per cwt.

Best Patent Cut Clasp.

4d.	5d.	6d.	7d.	1s. 6d. per 1,000
5d.	6d.	8d.	10d.	2s.

Best Sheet Floor Brads, 12s. per cwt.

Best Town Glue 30s. 2lb. Scotch, 40s. per cwt.

Best Patent Sash Line.

1	2	3	4	5	6
4s.	4s. 6d.	5s. 6d.	7s.	8s.	10s. 6d. per gross.

At F. R. WILLIAMSON'S IRONMONGERY and STOVE WAREHOUSE, 28, Chiswell-street, Finsbury-square.

Lists of Prices had on application at the Warehouse, or by letter pre-paid, inclosing postage stamp.—Warehouse closes at 7 o'clock.

TO BUILDERS, CABINET-MAKERS, and OTHERS.

Best Cut Sheet Flooring Brads, 12s. per cwt.

Fine Cut Clasp and Rose.

12s.	14s. 6d.	16s.	18s.	12s. per cwt.
1½	1¾	2	2½	3 inch.

Cross Garnet Hinges, per dozen pair.

3s. 6d.	4s. 6d.	6s. 9d.	9s.	12s.	20s.
10	12	14	16	20	30 in.

Best Bright Tower Bolts, per dozen.

1s. 3d.	1s. 7½d.	2s.	2s. 9d.	3s. 6d.	per dozen.
3	4	5	6	8	inch.

Best Patent Sash Line.

4s.	4s. 6d.	6s.	7s. 9d.	9s.	10s. 6d. per gross.
No. 1	2	3	4	5	6

Cast Lath Nails, 10s. per cwt. Sash Weights, 3s. per cwt.

Air Bricks, 3s. 6d. per dozen.

DR. ARNOTT'S VENTILATORS.

12 by 8 inches	8s. each.
16 by 9	9s.

An assortment in Brass, Bronzed Gilt, &c.

An extensive stock of Mortice Locks, Drawer Locks, Iron Rim Locks, and Latches, of every description, at very reduced prices; also Door Furniture, in china, amber, enamel, ivory, ebony, buffalo horn, brass, &c., iron finger plates, Ball-pulls and Levers on ovals.

H. and Co. are the inventors of SHIFTING BOLT MORTISE LOCKS, &c., so universally approved of.—Established nearly 200 years, for the supply of goods from the best manufactories at the lowest prices.

IRON FOUNDRY, 80, Goswell-street (late of Brick-lane, St. Luke's).—J. J. JONES having made great additions to his STOCK of PATTERNS, hopes to inform the Trade, that he can now supply them with Plain and Ornamental Iron Gates and Girders, Railings, Gates, Iron Coping, Balconies, Window Guards, Verandahs, Ornamental Staircase Panels, Iron Staircases, Tomb Railings, Trellis Panelling, Lamp and other Brackets, Cast-iron Sewer Pots, Water Closet Work, Area Gratings, Pig and other Wheels, Wheel Plates, &c.

BAKERS' OVEN WORK, Forge Backs and Troughs, Rain Water Pipes and Gutters, Sash Weights, Furnace Bars, Stoves, Ranges, &c., always in stock.

TO GAS AND WATER COMPANIES, ENGINEERS, AND CONTRACTORS.

ANDREW M'LAREN & Co., Ironfounders, STEEL YARD WHARF, UPPER THAMES-STREET, have always on hand a large STOCK of SOCKET PIPES of all sizes, with the usual connections. Returns, columns, girders, and all descriptions of castings contracted for.

Their stock of goods for GENERAL IRONMONGERS is unequalled for variety and lowness of price; comprising, range, register, and elliptic metal and stoves, rain-water pipes, O G, and half-round guttering, sash-weights, railing bars, panels, bakers' oven work, sink traps, air bricks, water closet metals, &c. &c.

Printed list of prices, and books of drawings for the use of ironmongers, forwarded on application.

FOUNDRY AND IRONWORKS, 1 & 2, DRURY-LANE, and CHARLES-STREET, DRURY-LANE, GLOVER, BROS.,

Solicit the attention of the Trade to their extensive Stock of PATTERNS for CASTINGS of EVERY DESCRIPTION, either structural or ornamental.

Patterns of Girders, Columns, Balconies, Railing, Ornamental Carriage and Park Gates, Lamp and Street Posts, Tanks, Pipes, Wheels, Pinions, Lathes, and steam engine bars; Range and Hob-plate Metal. An improved Seed Door adapted for internal work.

A large stock of Rain-water Pipes, Plain and O G (better), Air-bricks, Sash Weights, Air-tight Sewer Grates, Stable Fittings, Hurdles, &c.

Plain and Ornamental Vases 20 per cent. cheaper than Terra-cotta.

Estimates given for Iron Buildings, Wrought-iron Roofing, Greenhouses, Staircases, Wrought-iron Girders, Fireproof Doors, Hook Safes and Strong Rooms, Tanks and Boilers and every description of iron work to specification, and the work executed with every attention to quality and despatch.

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CHURCH BELLS.—BOWEN and CO. beg respectfully to inform Architects, Builders, Railway Companies, Merchants, and others, that they can be supplied with CHURCH, RAILWAY, PLANTATION, TURRET, SHIP, FACTORY, and all other descriptions of BELLS, of a superior metal and tone, at the lowest possible prices, at their Foundry, Red Lion-street, Clerkenwell.

N.B.—All kinds of heavy Brass and Gun-metal Castings.

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The undersigned having concluded an arrangement with the Galvanized Iron Company for the transfer of the above Premises, with the Plant, Goodwill, &c., of the Patent Galvanized Iron business, beg to apprise architects, builders, and the trade generally, that they are prepared to supply Patent Galvanized Iron, or to Galvanize articles sent to them for that purpose, to any quantities.

Prices and particulars can be obtained at their office, as above, or will be forwarded post free, on application.

London, June 1st, 1850. TUPPER and CARR.

PATENT GALVANIZED IRON. TUPPER and CARR.

The particular attention of Architects, Builders, and others is called to this article, as the one best suited for roofing, guttering, spouting, water or gas pipes, railings, window sashes and guards, blinds, skylight frames, chimney-cowls, cisterns, screws, nails, chains, hooping, &c. &c. Rust is effectually prevented. Patent Galvanized Iron always in stock, and goods galvanized in any quantities.

N.B. The New Palace at Westminster, and the buildings cited in all the dockyards, are roofed with Patent Galvanized Iron.—Office, 3, Mansion House-place.—An allowance to the trade.

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JOHN M. PORTER, PATENTEE

Of the Corrugated Iron Beams, Girders, and Fire-proof Floors;

MANUFACTURER OF IRON ROOFS AND BUILDINGS, Chiefly of THE PATENT GALVANIZED IRON.

This material has been employed by J. H. PORTER for several years past in the construction of Iron Roofing for RAILWAY STATIONS and DOCKYARDS, at HOME and ABROAD; FARM BUILDINGS, FACTORIES, GASWORKS, WAREHOUSES, &c.; DOCKS, SHEDS, MARKETS and CORRUGATING, SQUARE, DRILLING, and MARKET PLATES, in the East and West Indies, China, at the Cape of Good Hope, and in other parts of the world; IRON-BAR and STRAINED-WIRE FENCES, SHEEP and CATTLE HURDLES.

BATHS.—TYLOR'S IMPROVED APPARATUS, consisting of ENAMELLED MARBLE BATH, COPPER CIRCULATING BOILER, and three-way cock with inlet plate for hot, cold, and waste water, complete. Does not require brick-work, is portable, and in most cases can be supplied ready for use. Apply to the ironmongers and plumbers, or the manufacturers, J. TYLOR and SON, Warwick-lane, London.

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HART and SONS, Wholesale and Manufacturing Ironmongers, Nos. 33, 34, and 35, Wych-street, Strand, Established 1818. Proprietors and sole Manufacturers of PITT'S PATENT SELF ADJUSTING DOOR FURNITURE and SPINDLES, and Manufacturers of "DR. ARNOTT'S VENTILATING CHIMNEY VALVES.

HART and SONS solicit the attention of Builders, House Decorators, Smiths, Bell-hangers, &c. &c. to their extensive and well selected stock of DOOR FURNITURE in every suitable material, as made with finger plates, bell-pulls, levers, &c., and also to their LOCKS and LATCHES in mortice, rim, drawback, and cupboard &c., of all qualities, including Barron's, Bramah's, Chubb's, and Pitt's Patent.—To their

GENERAL IRONMONGERY, wrought and cut nails, screws, hinges, bolts, &c. &c.

BRASS FOUNDRY.—Bell cranks of all descriptions, curtain poles pleasure rods, stove door handles, desk and hat rails, window guards, ornamental bolts, &c. &c.

WINDOW FITTINGS of all kinds, including brackets, rods, arms, sliding sockets, trays, &c. &c.

DOOR SPRINGS and HINGES, including Redmond's, Smith's, Collinge's, Gerish's, and Cotterell's patents.

WINDOW BLIND FITTINGS of the most approved principle.

LEAS MACK BOLT MORTICE LOCKS, for which they are AGENTS, as well as for all [illegible] of merit as soon as perfected.

HART and SONS, as a practice of publishing NET prices-lists is injurious to [illegible] generally, are unwilling to follow it, but at the same time they beg to assure their friends that their prices shall be equally as low as those of any other respectable house.

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